



**National Pollutant Discharge Elimination System (NPDES)
CSO Monthly Report of Operation (CSO MRO)**
State Form 50546 (R5 / 11-21)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo		Page 1 of 2		Permit Number: IN0020711															
Facility: Waterloo Water Pollution Control				Public Notification Requirements Met? <input type="checkbox"/> y															
Monitoring Period: April 2023		Enter "x" if no CSO discharge occurred for the month:																	
Design Peak Hourly Flow (MGD): 0.42		Design Average Flow (MGD): 0.369		Measured/Metered (M) or Estimated (E) must be specified															
WWTP Influent Data			Precipitation Data					CSO Outfall No.					CSO Outfall No.						
Day of Month	Average Daily Flow (MGD)	Peak Hourly Flow (MGD)	Time Precip. Began (am/pm)	Precip. Duration (Hours)	Total Daily Precip. (Inches)	Peak Intensity (Inches/Measurement Interval)	Measurement Interval (hr, 30 m, 15 m)	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E
1	0.43	0.76	12:59pm	3.00	0.22	0.10	15 min	8:17am	M	16.00	M	0.477	M						
2	0.43	0.46						12:00am	M	24.00	M	0.386	M						
3	0.42	0.45	8:29pm	2.00	0.05	0.03	15 min	12:00am	M	24.00	M	0.279	M						
4	0.43	0.50						12:00am	M	24.00	M	0.133	M						
5	0.44	0.69	12:47pm	2.00	0.34	0.21	15 min	12:00am	M	15.00	M	0.177	M						
6	0.41	0.73						12:00am	M	24.00	M	0.152	M						
7	0.42	0.48						12:00 PM	M	7.00	M	0.016	M						
8	0.42	0.51																	
9	0.40	0.50																	
10	0.41	0.57																	
11	0.43	0.70																	
12	0.46	0.68																	
13	0.49	0.75																	
14	0.40	1.08																	
15	0.28	0.55																	
16	0.25	0.35	12:43pm	1.00	0.08	0.04	15 min												
17	0.26	0.51	2:39am	3.00	0.08	0.01	15 min												
18	0.24	0.37																	
19	0.22	0.32																	
20	0.20	0.31	10:04am	1.00	0.02	0.01	15 min												
21	0.23	0.61	4:57 AM	5.00	0.18	0.03	15 min												
22	0.20	0.28	4:49am	1.00	0.04	0.02	15 min												
23	0.21	0.28	12:45pm	1.00	0.02	0.01	15 min												
24	0.22	0.89																	
25	0.19	0.28	9:15am	5.00	0.14	0.03	15 min												
26	0.18	0.24																	
27	0.18	0.25																	
28	0.27	0.48	4:20am	17.00	0.52	0.03	15 min												
29	0.27	0.44	5:12pm	3.00	0.19	0.07	15 min												
30	0.30	0.44	2:36am	5.00	0.16	0.05	15 min												
Totals:	9.68			49.00	2.04			7	Days	134.00		1.62		0	Days	0.00		0	
Typed or Printed Name and Title of Principal Executive Officer or Authorized Agent													Telephone						
Jess Jessup													260-908-4867						
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION; THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.																			
Signature of Principal Executive Officer or Authorized Agent													Date (mm/dd/yy)						
Jess Jessup													05/02/23						



**National Pollutant Discharge Elimination System (NPDES)
CSO Monthly Report of Operation (CSO MRO)**

State Form 50546 (R5 / 11-21)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo										Page 2 of 2					Permit Number: IN0020711										
Facility: Waterloo Water Pollution Control										Public Notification Requirements Met? y															
Monitoring Period: April 2023										Enter "x" if no CSO discharge occurred for the month:															
Design Peak Flow (Hourly) (MGD): 0.42					Design Flow (MGD): 0.369					Measured/Metered (M) or Estimated (E) must be specified															
CSO Outfall No.						CSO Outfall No.						CSO Outfall No.						CSO Outfall No.							
Day of Month	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
Totals:	0	Days	0.00		0		0	Days	0.00		0		0	Days	0		0		0	Days	0.00		0		



**National Pollutant Discharge Elimination System (NPDES)
CSO Monthly Report of Operation (CSO MRO)**

State Form 50546 (R5 / 11-21)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo										Page 3 of 2					Permit Number: IN0020711																								
Facility: Waterloo Water Pollution Control										Public Notification Requirements Met? <input checked="" type="checkbox"/> y																													
Monitoring Period: April 2023										Enter "x" if no CSO discharge occurred for the month:																													
Design Peak Flow (Hourly) (MGD): 0.42					Design Flow (MGD): 0.369					Measured/Metered (M) or Estimated (E) must be specified																													
CSO Outfall No.										CSO Outfall No.										CSO Outfall No.										CSO Outfall No.									
Day of Month	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E															
1																																							
2																																							
3																																							
4																																							
5																																							
6																																							
7																																							
8																																							
9																																							
10																																							
11																																							
12																																							
13																																							
14																																							
15																																							
16																																							
17																																							
18																																							
19																																							
20																																							
21																																							
22																																							
23																																							
24																																							
25																																							
26																																							
27																																							
28																																							
29																																							
30																																							
Totals:	0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0																



**National Pollutant Discharge Elimination System (NPDES)
CSO Monthly Report of Operation (CSO MRO)**

State Form 50546 (R5 / 11-21)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo										Page 4 of 2					Permit Number: IN0020711										
Facility: Waterloo Water Pollution Control										Public Notification Requirements Met? y															
Monitoring Period: April 2023					Enter "x" if no CSO discharge occurred for the month:																				
Design Peak Flow (Hourly) (MGD): 0.42					Design Flow (MGD): 0.369					Measured/Metered (M) or Estimated (E) must be specified															
CSO Outfall No.						CSO Outfall No.						CSO Outfall No.						CSO Outfall No.							
Day of Month	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
31	0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		



**National Pollutant Discharge Elimination System (NPDES)
CSO Monthly Report of Operation (CSO MRO)**

State Form 50546 (R5 / 11-21)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo										Page 5 of 2					Permit Number: IN0020711										
Facility: Waterloo Water Pollution Control										Public Notification Requirements Met? y															
Monitoring Period: April 2023										Enter "x" if no CSO discharge occurred for the month:															
Design Peak Flow (Hourly) (MGD): 0.42					Design Flow (MGD): 0.369					Measured/Metered (M) or Estimated (E) must be specified															
CSO Outfall No.						CSO Outfall No.						CSO Outfall No.						CSO Outfall No.							
Day of Month	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
Totals:	0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		



National Pollutant Discharge Elimination System (NPDES)
 CSO Monthly Report of Operation (CSO MRO)

State Form 50546 (R5 / 11-21)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo										Page 6 of 2					Permit Number: IN0020711										
Facility: Waterloo Water Pollution Control										Public Notification Requirements Met? <input checked="" type="checkbox"/> y															
Monitoring Period: April 2023					Enter "x" if no CSO discharge occurred for the month:																				
Design Peak Flow (Hourly) (MGD): 0.42					Design Flow (MGD): 0.369					Measured/Metered (M) or Estimated (E) must be specified															
Day of Month	CSO Outfall No.						CSO Outfall No.						CSO Outfall No.						CSO Outfall No.						
	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
Totals:	0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		



**National Pollutant Discharge Elimination System (NPDES)
CSO Monthly Report of Operation (CSO MRO)**

State Form 50546 (R5 / 11-21)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo										Page 7 of 2					Permit Number: IN0020711										
Facility: Waterloo Water Pollution Control										Public Notification Requirements Met? y															
Monitoring Period: April 2023										Enter "x" if no CSO discharge occurred for the month:															
Design Peak Flow (Hourly) (MGD): 0.42					Design Flow (MGD): 0.369					Measured/Metered (M) or Estimated (E) must be specified															
CSO Outfall No.						CSO Outfall No.						CSO Outfall No.						CSO Outfall No.							
Day of Month	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
Totals:	0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		



**National Pollutant Discharge Elimination System (NPDES)
CSO Monthly Report of Operation (CSO MRO)**

State Form 50546 (R5 / 11-21)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo										Page 8 of 2					Permit Number: IN0020711										
Facility: Waterloo Water Pollution Control										Public Notification Requirements Met? y															
Monitoring Period: April 2023					Enter "x" if no CSO discharge occurred for the month:																				
Design Peak Flow (Hourly) (MGD): 0.42					Design Flow (MGD): 0.369					Measured/Metered (M) or Estimated (E) must be specified															
CSO Outfall No.						CSO Outfall No.						CSO Outfall No.						CSO Outfall No.							
Day of Month	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	Time Discharge Began	M or E	Event Duration (Hours)	M or E	Event Discharge (MG)	M or E	
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
Totals:	0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		0	Days	0.00		0		



**National Pollutant Discharge Elimination System (NPDES)
CSO Monthly Report of Operation (CSO MRO)**

State Form 50546 (R5 / 11-21)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

City: Waterloo	Page: 9 of 9	Permit Number: IN0020711
Facility: Waterloo Water Pollution Control	Public Notification Requirements Met? Y	
Monitoring Period: April 2023	Enter "x" if no CSO discharge occurred for the month:	
Design Peak Hourly Flow (MGD): 0.42	Design Average Flow (MGD): 0.369	

Day of Month	Comments (further explanation as to why each CSO event occurred)
1	CSO was caused by continued rainfall saturated ground with inflow and ifiltration in the collection system.
2	CSO was caused by continued rainfall saturated ground with inflow and ifiltration in the collection system.
3	CSO was caused by continued rainfall saturated ground with inflow and ifiltration in the collection system.
4	CSO was caused by continued rainfall saturated ground with inflow and ifiltration in the collection system.
5	CSO was caused by continued rainfall saturated ground with inflow and ifiltration in the collection system.
6	CSO was caused by continued rainfall saturated ground with inflow and ifiltration in the collection system.
7	CSO was caused by continued rainfall saturated ground with inflow and ifiltration in the collection system.
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	

Typed or Printed Name and Title of Principal Executive Officer or Authorized Agent Jess Jessup	Telephone 260-908-4867
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION; THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.	
Signature of Principal Executive Officer or Authorized Agent Jess Jessup	Date (mm/dd/yy) 05/02/23